

# **National Water Program Guidance: FY 05 Midyear Reporting on Final Measures and Commitments**













**Office of Water**

**U.S. Environmental Protection Agency**

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# Water Safe to Drink



**Subobjective:** (2.1.1) Percent of the population served by community water systems that receive drinking water that meets all applicable health-based drinking-water standards through effective treatment and source water protection.

2002 Baseline: 93.6%	<b>2005 Commitment: 90.8%</b>	2008 Target: 95%
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NOTE: See attached table for EPA Regional Commitments

## Strategic Targets:

-- (A) Percent of the population served by community water systems that receives drinking water that meets health-based standards for those requirements with which systems need to comply.

As of December 2001:

2002 Baseline: 93.6%	<b>2005 Commitment: 91.8%</b>	2008 Target: 95%
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NOTE: See attached table for EPA Regional Commitments

-- (B) As of January 2002 or later:

2002 Baseline: N/A	<b>2005 Commitment: 75.2%</b>	2008 Target: 80%
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NOTE: See attached table for EPA Regional Commitments

# Water Safe to Drink



-- (C) Percent of community water systems that provide drinking water that meets health-based standards for those requirements with which systems need to comply:

As of December 2001:

2002 Baseline: 91.6%	<b>2005 Commitment: 94%</b>	2008 Target: 95%
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-- (D) As of January 2002 or later:

2002 Baseline: N/A	<b>2005 Commitment: 75%</b>	2008 Target: 80%
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-- (E) Percent of the population served by community water systems in Indian country that receive drinking water that meets all applicable health-based drinking water standards.

2002 Baseline: 91.1%	<b>2005 Commitment: 90%</b>	2008 Target: 95%
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-- (F) Percent of source water areas (both surface and ground water) for community water systems that will achieve minimized risk to public health. ("Minimized risk" achieved by substantial implementation, as determined by the State, of source water protection actions in a source water protection strategy - See measures 10 and 11).

2002 Baseline: 5%	<b>2005 Commitment: 20%</b>	2008 Target: 50%
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# Safe Drinking Water

(FY 05 Midyear data below in parentheses and reflects most recent data available)

		Baseline	Strategic Target A	Strategic Target B	Subobjective 2.1.1
EPA Region	% of National Population Served by CWSs <sup>1</sup>	% of population served by CWSs meeting all health-based standards (end of year 2002)	% population served by CWSs meeting all health-based standards with which systems need to comply as of Dec 2001 (2005 commitments) <sup>2</sup>	% of population served by CWSs meeting all health-based standards with which systems need to comply as of January 2002 or later (2005 commitments) <sup>2</sup>	% population served by CWSs to meet all health-based standards (2005 commitments) <sup>2</sup>
1	9%	88%	78% (93.7%)	75% (99.3%)	71% (93%)
2	6%	81%	80% (86.2%)	70% (84.2%)	80% (80.3%)
3	9%	98%	94% (92%)	75% (93%)	93% (85%)
4	15%	96%	94% (95%)	75% (98%)	93% (93%)
5	12%	94%	95% (95.8%)	80% (99.8%)	95% (96%)
6	10%	93%	94% (96%)	75% (96%)	93% (92%)
7	8%	95%	94% (93%)	80% (99%)	94% (92%)
8	12%	97%	95% (92.5%)	75% (99.2%)	94% (92%)
9	11%	99%	95% (86%)	75% (100%)	94% (86%)
10	7%	91%	90% (93.4%)	70% (99.9%)	90% (93%)
<b>National 05 Total</b>	<b>100%</b>	<b>93.6%</b>	<b>91.8%</b>	<b>75.2%<sup>3</sup></b>	<b>90.8%<sup>3</sup></b>
<b>Stated National 05 Goal</b>	<b>100% (273 M)</b>	<b>93.6%</b>	<b>94%</b>	<b>75%</b>	<b>93%</b>

<sup>1</sup> Based on January 2004 SDWIS data.

<sup>2</sup> 2.1.1 is not an average of Strategic Targets A & B.

<sup>3</sup> FY 2005 National Totals are weighted by population.

# Water Safe to Drink



## Measure #: 1

**National Office Lead:** OGWDW

**Measure Description:** Promulgate final Total Coliform/Distribution Systems Rule.

## Measure #: 2

**Measure Description:** Conduct analysis to support determinations whether to regulate contaminants from Contaminated Consolidated List 2.

## Measure #: 3

**Measure Description:** Each year, conduct analysis of currently regulated contaminants to support decisions to revise or not revise existing regulations within and outside the 6-year review cycle.

**1**

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	No
2005 End-of-Year	
Universe	

**2008 Target:** Final rule

**2**

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	No
2005 End-of-Year	
Universe	

**2008 Target:** By 2006

**3**

	National Indicator
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	No
2005 End-of-Year	
Universe	

**2008 Target:** n/a

# Water Safe to Drink



**Measure #: 4**

**National Office Lead:** OGWDW

**Measure Description:** Federal return on investment [cumulative dollar amount of assistance disbursements to systems divided by cumulative Federal outlays for projects] provided by the Drinking Water Safe Revolving Fund (DWSRF).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	152%	290%	138%	134%	142%	143%	179%	169%	157%	117%	160%
2005 Commitment											n/a
2005 Midyear	152%	2.09	1.13	139.20	1.54	140%		160%	1.50	1,200,000	
2005 End-of-Year											
Universe											n/a

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

# Water Safe to Drink



**Measure #: 5**

**National Office Lead:** OGWDW

**Measure Description:** Fund utilization rate [cumulative dollar amount of loan agreements divided by cumulative funds available for projects] for the DWSRF.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	72%	90%	91%	78%	72%	61%	76%	80%	53%	79%	75%
2005 Commitment	78%	88%	79%	80%	82%	74.5%	86%	83%	70%	86%	81.0%
2005 Midyear	72.0%	70.0%	91.0%	87.9%	75.0%	74.5%	100.0%	84.0%	66.0%	90.7%	
2005 End-of-Year											
Universe											

**2008 Target:** 86%

**National Program Manager Comments:**

Target measure



# Water Safe to Drink



Measure #: 6

National Office Lead: OGWDW

**Measure Description:** Number of DWSRF projects that have initiated operations (cumulative).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2003 Baseline	204	245	56	242	350	25	131	128	75	82	1,538
2005 Commitment											n/a
2005 Midyear	268	276	206	324	437	46		241	94	109	2001
2005 End-of-Year											
Universe											n/a

2008 Target: n/a

National Program Manager Comments:

Indicator measure

# Water Safe to Drink



**Measure #: 7**

**National Office Lead:** OGWDW

**Measure Description:** The percentage of DWSRF loan agreements made annually that will return Community Water Systems to compliance.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	12%	61%	56%	19%	13%	54%	23%	23%	61%	37%	36%
2005 Commitment											n/a
2005 Midyear	12%	54%	59.5%	0%	0%	0%				0%	
2005 End-of-Year											
Universe											n/a

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

# Water Safe to Drink



**Measure #: 8**

**National Office Lead:** OGWDW

**Measure Description:** Each year, all States will be in compliance with requirement to conduct sanitary surveys at community water systems once every three years, as documented by file audits of a random selection of water systems.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	(83%)5	(100%)3	(80%)4	(83%)7	(83%)5	(100%)5	(100%)4	(100%)6	(100%)4	(100%)4	47
2005 Midyear	4	3		0	5	5	1	6	4	4	32
2005 End-of-Year											
Universe	6	3	5	8	6	5	4	6	4	4	51

**2008 Target:** 100%

**National Program Manager Comments:**

Target Measure; fixed annual target 100% of States

# Water Safe to Drink



**Measure #: 9**

**National Office Lead: OGWDW**

**Measure Description:** Each year, all Tribal community water systems will have undergone a sanitary survey within the past 3 years.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	n/a	100%	n/a	100%	100%	100%	100%	60%	100%	100%	90.0%
2005 Midyear	n/a	1	n/a	1	1	1	1	1	9	5	20
2005 End-of-Year											
Universe	0	1	0	1	2	1	1	17	18	7	48

**2008 Target: 100%**

## **National Program Manager Comments:**

Target measure; annual target is 100% of Tribes

Headquarters is working with Region 8 to increase the number of tribal sanitary surveys within the region to 100%.

The universe for tribal community water systems includes the Navajo Nation.

# Water Safe to Drink



**Measure #: 10**

**National Office Lead:** OGWDW

**Measure Description:** Percentage of source water areas for community water systems that have source water protection strategies in place (cumulative.)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	18%	4%	6%	2%	12%	2%	3%	15%	2%	12%	8%
2005 Commitment											n/a
2005 Midyear											exempt
2005 End-of-Year											
Universe (CWS)	2,695	4,015	4,747	9,576	7,570	8,230	4,127	3,132	4,847	4,424	53,363

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

The universe is community water systems (taken from SDWIS 2003 Inventory data) rather than “source water areas.”

# Water Safe to Drink



**Measure #: 11**

**National Office Lead:** OGWDW

**Measure Description:** Percentage of source water areas for community water systems that have implemented some aspects of source water protection strategies (cumulative).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											
2005 Commitment											n/a
2005 Midyear											exempt
2005 End-of-Year											
Universe	2,695	4,015	4,747	9,576	7,570	8,230	4,127	3,132	4,847	4,424	53,363

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

The universe is community water systems (taken from SDWIS 2003 Inventory data) rather than “source water areas.”

# Water Safe to Drink



**Measure #: 12**

**National Office Lead:** OGWDW

**Measure Description:** Number of Tribal water systems that have completed a source water assessment consistent with national guidelines.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											n/a*
2005 Commitment											n/a
2005 Midyear											exempt
2005 End-of-Year											
Universe	1	8	0	14	80	45	9	107	255	77	596
Navajo Nation											154
Total Universe											750

**2008 Target:** n/a

## National Program Manager Comments:

Indicator measure

\*The 2004 Baseline for this measure is not yet available.

The universe of tribal community water systems for this measure is taken from FY2003 SDWIS Inventory data.

# Water Safe to Drink



**Measure #: 13**

**National Office Lead: OGWDW**

**Measure Description:** Percentage of community water systems with source waters classified as high, moderate, or low for risk susceptibility.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											n/a
2005 Commitment											n/a
2005 Midyear (high)											exempt
2005 Midyear (mod)											exempt
2005 Midyear (low)											exempt
2005 EOY (high)											
2005 EOY (mod)											
2005 EOY (low)											
Universe	2,695	4,015	4,747	9,576	7,570	8,230	4,127	3,132	4,847	4,424	53,363

**2008 Target:** n/a

## National Program Manager Comments:

Indicator measure

The universe of community water systems is taken from SDWIS 2003 Inventory data.

Sixteen states have reported data for this measure; sufficient data to form a baseline are currently unavailable.



# Water Safe to Drink



**Measure #: 14**

**National Office Lead:** OGWDW

**Measure Description:** Percentage of community water systems for which delineated source water areas will be available in a GIS digitized format using agreed upon data management protocols.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											*n/a
2005 Commitment											n/a
2005 Midyear											exempt
2005 End-of-Year											
Universe	2,695	4,015	4,747	9,576	7,570	8,230	4,127	3,132	4,847	4,424	53,363

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

\*At this time, sufficient data to develop a baseline are unavailable.

# Water Safe to Drink



Measure #: 15

National Office Lead: OGWDW

**Measure Description:** Each year, identify at the State level the most prevalent and threatening categories of existing/potential sources of contamination for surface and ground water for community water systems.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											n/a
2005 Commitment											n/a
2005 Midyear											exempt
2005 End-of-Year											
Universe	6	3	5	8	6	5	4	6	4	4	51

2008 Target: n/a

National Program Manager Comments:

Indicator measure

# Water Safe to Drink



## Measure #: 16

**National Office Lead:** OPPTS

**Measure Description:** Percentage of the 31 pesticides identified in 2002 as having a high leaching/persistence potential will be reassessed by the Office of Pesticide Programs and appropriate additional management controls (e.g. revised label restrictions, limited use in sensitive areas, additional monitoring) will be implemented.

## Measure #: 21

**National Office Lead:** OGWDW/OST

**Measure Description:** Identify waters used by community water systems as a source of drinking water for which States/Tribes, have wherever attainable, adopted water quality standards with public water supply as a designated use, or for which States/Tribes have adopted water quality standards that provide an equivalent level of human health protection. (Note: “An equivalent level of human health protection” refers to the MCL, or to the section 304 (a) human health criterion water plus organism value.)

**16**

	National Commitment
2002 Baseline	77%
2005 Commitment	90%
2005 Midyear	
2005 End-of-Year	
Universe	31(100%)

**2008 Target:** 100%

**21**

	National Commitment
2002 Baseline	n/a
2005 Commitment	completion
2005 Midyear	
2005 End-of-Year	
Universe	

**2008 Target:** 2005 completion

# Water Safe to Drink



**Measure #: 17, 1 of 4**

**National Office Lead: OGWDW**

**Measure Description:** Separately for each class of well, the percentage of Classes **I**, II, III, and V wells identified in violation that are addressed by the UIC program.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	n/a	n/a	100%	80%	100%	98%	90%	85%	100%	100%	94%
2005 Midyear	n/a	n/a	100%	0%	100%	98%	100%	100%	100%	100%	71.0%
2005 End-of-Year											
Universe	0	0	10	164	54	182	50	58	16	7	541

**2008 Target: 100%**

## National Program Manager Comments:

Target measure

Baseline - Under the FY03 pilot for this measure, too few states provided information to draw a baseline

Universe – is FY03 UIC Inventory Data from Grants Database. R1 and R2 do not have class I wells.

# Water Safe to Drink



**Measure #: 17, 2 of 4**

**National Office Lead: OGWDW**

**Measure Description:** Separately for each class of well, the percentage of Classes I, II, III, and V wells identified in violation that are addressed by the UIC program.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	n/a	100%	95%	80%	100%	98%	90%	85%	90%	100%	93%
2005 Midyear	n/a	100%	95%	66%	61%	98%	73%	98%	90%	100%	91.0%
2005 End-of-Year											
Universe	0	543	2,588	4,421	13,964	70,733	17,001	7,527	23,264	1,088	141,129

**2008 Target: 100%**

## National Program Manager Comments:

Target measure

Baseline - Under the FY03 pilot for this measure, too few states provided information to draw a baseline

Universe – is FY03 UIC Inventory Data from Grants Database. Region 1 does not have Class II wells.

# Water Safe to Drink



**Measure #: 17, 3 of 4**

**National Office Lead: OGWDW**

**Measure Description:** Separately for each class of well, the percentage of Classes I, II, III, and V wells identified in violation that are addressed by the UIC program.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	n/a	100%	100%	80%	100%	98%	90%	85%	100%	n/a	94%
2005 Midyear	n/a	100%	100%	0%	100%	98%	96%	100%	100%	n/a	99.0%
2005 End-of-Year											
Universe	0	125	45	4	106	4,629	2,851	10,332	227	0	18,319

**2008 Target: 100%**

## National Program Manager Comments:

Target measure

Baseline - Under the FY03 pilot for this measure, too few states provided information to draw a baseline

Universe – is FY03 UIC Inventory Data from Grants Database. Region 1 & Region 10 do not have Class III wells.

# Water Safe to Drink



**Measure #: 17, 4 of 4**

**National Office Lead: OGWDW**

**Measure Description:** Separately for each class of well, the percentage of Classes I, II, III, and V wells identified in violation that are addressed by the UIC program.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	100%	100%	95%	80%	96%	98%	90%	85%	50%	75%	87%
2005 Midyear	100%	98%	87%	1%	100%	98%	70%	72%	75%		50.0%
2005 End-of-Year											
Universe*	10,281	34,192	42,469	89,435	42,755	23,190	14,328	23,101	23,128	83,037	385,916

**2008 Target: 100%**

## National Program Manager Comments:

Target measure

Baseline - Under the FY03 pilot for this measure, too few states provided information to draw a baseline

\*Universe is FY 2003 UIC Inventory data from UIC Grants Program Database. Complete universe of Class V Wells is unknown. 1999 National Estimate is 500,000 - 650,000.

# Water Safe to Drink



**Measure #: 18**

**National Office Lead: OGWDW**

**Measure Description:** Percentage of identified Class V Motor Vehicle Waste Disposal wells that are closed or permitted.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	100%	100%	100%	100%	9%	99%	90%	75%	75%	20%	77%
2005 Midyear	100%	92%	90%	100%	27%	99%	100%		38%	34%	
2005 End-of-Year											
Universe*											

**2008 Target: 100%**

## National Program Manager Comments:

Target measure

Baseline - Under the FY03 pilot for this measure, too few states provided information to draw a baseline/universe

\*Complete universe of Class V Wells is unknown. 1999 National Estimate is 500,000 - 650,000. MVWD Wells are a subset of Class V Wells



# Water Safe to Drink



**Measure #: 19**

**National Office Lead:** OGWDW

**Measure Description:** Percentage of ground water-based source water areas for Community Water Systems that have a Class V survey completed.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											n/a
2005 Commitment											n/a
2005 Midyear	Data n/a	0%	11%	12.6%	30%	100%					
2005 End-of-Year											
Universe	2,211	2,616	3,481	7,368	6,172	6,181	3,404	2,340	3,895	2,831	41,499

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

At this time sufficient data to develop a baseline are unavailable. The universe of ground water-based community water systems is taken from FY2003 SDWIS Inventory data.

# Water Safe to Drink



**Measure #: 20**

**National Office Lead: OGWDW**

**Measure Description:** Percentage increase in the number of inspections conducted for **Class II** and Class V wells above a 2004 baseline.

## Class II

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	n/a	0%	1%	1%	1%	0%	2%	0%	2.5%	0%	0.8%
2005 Midyear	n/a	0%	0%	4%	0%	0%	2%	0%		0%	
2005 End-of-Year											
Universe	0	543	2,588	4,421	13,964	70,733	17,001	7,527	23,264	1,088	141,129

**2008 Target: 10%**

## Class V

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	0%	0%	2%	1%	0.5%	0%	2%	0%	1.5%	0%	0.7%
2005 Midyear	0%	0%	1%	56%	0%	0%	2%	0%		0%	
2005 End-of-Year											
Universe	10,281	34,192	42,469	89,435	42,755	23,190	14,328	23,101	23,128	83,037	385,916

**2008 Target: 10%**

## National Program Manager Comments:

Target measure

Universe – is FY03 UIC Inventory Data from Grants Database. Region 1 does not have Class II wells.

# Water Safe to Drink



## Measure #: 22

**National Office Lead:** OST

**Measure Description:** EPA will complete phase I of the partial recalculation of human health criteria using the new human health methodology.

## Measure #: 23

**National Office Lead:** OGWDW/OST

**Measure Description:** Each year, EPA will identify critical drinking water contaminants of concern in surface waters and issue new or revised human health criteria under section 304 (a) of the CWA.

22

	National Commitment
2002 Baseline	n/a
2005 Commitment	completion
2005 Midyear	Yes
2005 End-of-Year	
Universe	n/a

**2008 Target:** N/A

23

	National Commitment
2002 Baseline	n/a
2005 Commitment	3
2005 Midyear	0
2005 End-of-Year	
Universe	n/a

**2008 Target:** 12

# Water Safe to Drink



Measure #: 24

National Office Lead: OGWDW/OST

**Measure Description:** Percentage of surface waters that are used as a drinking water source by community water systems that have, wherever attainable, water quality standards with public water supply as a designated use or will have water quality standards that provide an equivalent level of human health protection.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											TBD in 2005
2005 Commitment											n/a
2005 Midyear											exempt
2005 End-of-Year											
Universe											

2008 Target: TBD in 2005

## National Program Manager Comments:

Target measure

**Note:** Baseline to be determined in 2005 based on analysis conducted under targets to be determined based on baseline.

**Measure #: 25****National Office Lead:** OGWDW/OWOW

**Measure Description:** Percent of surface waters that are: 1) designated for public water supply use; and 2) classified by States as highly or moderately susceptible to contamination that are monitored annually for attainment with human health water quality standards for drinking water contaminants. [Baseline TBD in 2005.]

**2008 Target:** n/a.

**Measure #: 26****National Office Lead:** OGWDW/OWOW

**Measure Description:** Percent of surface waters that are: 1) designated by states as highly vulnerable to contamination; 2) designated for public water supply use; and 3) impaired due to non-attainment of human health water quality standards, that have a completed TMDL. [Baseline TBD in 2005].

**2008 Target:** n/a.

**Measure #: 27****National Office Lead:** OGWDW/OWOW

**Measure Description:** Percent of waters that are: 1) designated by states as highly vulnerable to contamination; 2) designated for public water supply use; and 3) have a completed TMDL, that are attaining human health water quality standards for drinking water contaminants. [Baseline TBD in 2005].

**2008 Target:** n/a.

# Fish and Shellfish Safe to Eat



**Subobjective:** (2.1.2) The quality of water and sediments will be improved to allow increased consumption of safe fish and shellfish as measured by the strategic targets described below.

**2005 Midyear: exempt**

## Strategic Targets:

-- (H) Improve the quality of water and sediments to allow for increased consumption of safe fish in a percentage of the river miles/lake acres identified by States or Tribes as having a fish consumption advisory in 2002.

2002 Baseline: 485,205 river miles and 11,277,276 lake acres under advisory

**2005 Commitment: 1% of advisory waters improved** By 2008: 3%

**2005 Midyear: 0%**

-- (I) Increase the percentage of shellfish-growing acres monitored by States that are approved or conditionally approved for use.

1995 Baseline: 77% of 21.6 million acres open for use.

**2005 Commitment: 80% acres open for use** By 2008: 85%

**2005 Midyear: 0%**

# Fish and Shellfish Safe to Eat



## Measure #: 28, 1 of 2

National Office Lead: OST

**Measure Description:** Percentage of lake acres and river miles where fish tissue will be assessed to support waterbody-specific or regional consumption advisories or a determination that no consumption advice is necessary. (Great Lakes measured separately; AK not included.)

## Measure #: 28, 2 of 2

**Measure Description:** Percentage of lake acres and river miles where fish tissue will be assessed to support waterbody-specific or regional consumption advisories or a determination that no consumption advice is necessary. (Great Lakes measured separately; AK not included.)

## Measure #: 29

**Measure Description:** Percentage of States that monitor and assess fish tissue contamination based on national guidance.

### 28, 1 of 2

	National Commitment
2002 Baseline	34.5%
2005 Commitment	37%
2005 Midyear	0%
2005 End-of-Year	
Universe	40,826,000 lake acres

**2008 Target:** 40%

### 28, 2 of 2

	National Commitment
2002 Baseline	16%
2005 Commitment	25%
2005 Midyear	0%
2005 End-of-Year	
Universe	3,547,000 river miles

**2008 Target:** 20%

### 29

	National Indicator
2002 Baseline	82%
2005 Commitment	n/a
2005 Midyear	92%
2005 End-of-Year	
Universe	50 states

**2008 Target:** n/a

# Fish and Shellfish Safe to Eat



**Measure #: 30**

**National Office Lead: OST**

**Measure Description:** Number of Tribal fish advisory programs that have adopted and applied the national fish advisory guidance to making fish advisory determinations for local waters. [565 Federally recognized Tribes and Alaskan Native Villages.]

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											3
2005 Commitment											5
2005 Midyear											5
2005 End-of-Year											
Universe	10	7	n/a	6	35	66	9	27	140	265	565

**2008 Target: 10**

**National Program Manager Comments:**

Target measure

This is a Headquarters reported measure.



# Fish and Shellfish Safe to Eat



**Measure #: 31**

**National Office Lead: OST**

**Measure Description:** Number of States, territories and authorized Tribes that have adopted the new fish criterion for mercury.

## States/Territories

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment											n/a
2005 Midyear	0		1	1	0					2	4
2005 End-of-Year											
Universe	6	4	6	8	6	5	4	6	7	4	56

**2008 Target:** n/a

## Tribes

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment											n/a
2005 Midyear	0			0	0					0	0
2005 End-of-Year											
Universe	0	0	0	2	2	9	0	2	3	6	24

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

\*Note: States=50; territories=6; tribes=24; total=80.

This is a Headquarters reported measure.

# Fish and Shellfish Safe to Eat



**Measure #: 32**

**National Office Lead: OST**

**Measure Description:** Number of States that are part of the Interstate Shellfish Sanitation Commission and participate in the national Shellfish Information Management System (SIMS).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment											n/a
2005 Midyear											11
2005 End-of-Year											
Universe											22

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

This is a Headquarters reported measure.

# Water Safe for Swimming



**Subobjective:** (2.1.3) Restore water quality to allow swimming in waters identified by States in 2000 as unsafe for swimming:

2000 Baseline: 90,000 stream miles/2.6 million lake acres

**2005 Commitment: 2% of impaired water restored**

2008 Target: 5%

**2005 Midyear:**

## **Strategic Target:**

-- (K) Percent of days of the beach season that coastal and Great Lakes beaches monitored by State beach safety programs will be open and safe for swimming:

2002 Baseline: 94%

**2005 Commitment: 94%**

2008 Target: 96%

**2005 Midyear:**

# Water Safe for Swimming



**Measure #: 33**

**National Office Lead: OST**

**Measure Description:** Number of coastal and Great Lakes States and Territories that have adopted, for coastal recreational waters, water quality criteria for *E.Coli* and *enterococci* (cumulative).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	3	0	2	0	3	1	n/a	n/a	2	0	11
2005 Commitment	5	4	3	4	4	2	n/a	n/a	3	0	25
2005 Midyear	3	4	4	6	2	2	n/a	n/a	3	3	27
2005 End-of-Year											
Universe	5	4	3	6	7	2	n/a	n/a	5	3	35

**2008 Target: 35**

## National Program Manager Comments:

Target measure

Note: This target does not account for national proposal and promulgation of replacement standards for states as required by the Beach Act. See also PAM IV-GL-4.

Statutory Requirement as of April 2004.

# Water Safe for Swimming



**Measure #: 34**

**National Office Lead: OST**

**Measure Description:** EPA will publish criteria for pathogens of concern for recreational waters.

	National Commitment
2002 Baseline	n/a
2005 Commitment	0
2005 Midyear	No
2005 End-of-Year	
Universe	

**2008 Target:** Publish Criteria

**National Program Manager Comments:**

Target measure

# Water Safe for Swimming



**Measure #: 35**

**National Office Lead: OST**

**Measure Description:** Percentage of significant public beaches monitored and managed under the BEACH Act Program.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%*
2005 Commitment	100%	100%	100%	50%	100%	100%	n/a	n/a	100%	80%	91%
2005 Midyear	100%	100%		100%	100%	92%	n/a	n/a	100%	67%	
2005 End-of-Year											
Universe	OST is currently in the process of developing universe data and will provide it when it becomes available.										

**2008 Target: 100%**

## National Program Manager Comments:

Target measure

Add estimate when universe data will be available.

\*No BEACH Act implementation in 2002.

# Water Safe for Swimming



**Measure #: 36**

**National Office Lead: OWM**

**Measure Description:** Percentage of CSO permits with schedules in place in permits or other enforceable mechanisms to implement approved Long Term Control Plans (LCTPs).

	Reg 1	Reg 2*	Reg 3*	Reg 4	Reg 5*	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2003 Baseline	58	8	78	25	105	n/a	0	1	1	14	35% 290
2005 Commitment	37% (30)	24%(25)	(40%)88	(39%)11	35% (122)	n/a	25%(6)	100%	67%(2)	93%(14)	36% (299)
2005 Midyear	5%(4)	34%(36)	39.6%(88)	32%(9)	43%(152)	n/a			100%(3)	93%(14)	37%(306)
2005 End-of-Year											
Universe	82	105	222	28	351	n/a	24	1	3	15	831

**2008 Target: 75%**

**National Program Manager Comments:**

Target measure

\*\*Baseline is of communities with approved LTCPs; some of these communities may not yet have schedules in place to implement.

# Water Safe for Swimming



**Measure #: 37**

**National Office Lead:** OWM

**Measure Description:** Number of States that have adopted the Voluntary Management Guidelines for On-site/Decentralized Wastewater Treatment Systems (cumulative).

	Reg 1	Reg 2*	Reg 3*	Reg 4	Reg 5*	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	1	0	0	0	0	1	0	2
2005 Commitment											n/a
2005 Midyear	1	1	0	2	0	0	0		1	0	5
2005 End-of-Year											
Universe	6	2	5	8	6	5	4	6	4	4	50

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure



# Restore and Improve Water Quality



**Subobjective:** Use both pollution prevention and restoration approaches to increase:

- (2.2.1a) the number of watersheds where water quality standards are met in at least 80 percent of the assessed water segments:

2002 Baseline: 453 watersheds of the total 2,262 USGS cataloging unit scale watersheds across the Nation.

**2005 Estimate: 462**

**2005 Midyear: exempt**

2008 Target: 600

NOTE: See attached table for Regional Commitments

- (2.2.1b) the number of watersheds where all assessed water segments maintain their quality and at least 20 percent of the assessed water segments show improvement above conditions as of 2002:

2002 Baseline: 0 USGS cataloging unit scale watersheds

**2005 Estimate: 17**

**2005 Midyear: exempt**

2008 Target: 200

NOTE: See attached table for EPA Regional Commitments

# Restore and Improve Water Quality



## Strategic Targets:

-- (L) Percent of those water bodies identified in 2000 as not attaining standards where water quality standards that are restored:

2002 Baseline: 21,632 waterbodies

**2005 Estimate: 715 (3.3)%**

2008 Estimate (Partial): 774 (3.6%)

2012 Target: 25%

NOTE: See attached table for EPA Regional Commitments

-- (N) Show improvements of at least 10% in each of four key parameters at a number of the 900 water monitoring stations in tribal waters:

2002 Baseline: 0 stations

**2005 Commitment: 35**

**2005 Midyear: exempt**

2008 Target: 90

-- (O) Reduce the number of households on tribal lands lacking access to basic sanitation.

2000 Baseline: 71,000 holds

**2005 Commitment: 51,000**

**2005 Midyear: exempt**

2008 Target: 35,000

# Final FY 05 National and Regional Estimates: Waterbody and Watershed Restoration and Improvement

Region	Impaired Water Segment Restoration (Measure L)			
	2000 Baseline	2005 Estimate	2005 Midyear	2008 Estimate
1	1,909	67	67	n.e.
2	1,866	37	7	n.e.
3	3,321	106	106	n.e.
4	3,808	76	418	n.e.
5	2,761	39	31	n.e.
6	1,241	25	92	310
7	1,555	50	44	125
8	1,075	238	238	339
9	673	9	9	n.e.
10	3,423	68	68	n.e.
<b>Totals</b>	<b>21,632</b>	<b>715 (3.3%)</b>	<b>1,110</b>	<b>774 (3.6%)</b>
<b>National Goal</b>	<b>n/a</b>	<b>432 (2%)</b>		<b>2012 Goal: 5,408 (25%)</b>

n.e. = not estimated

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 38**

**National Office Lead: OST**

**Measure Description:** Number of States, Territories and authorized Tribes that have completed a review of water quality standards within three years of the previous triennial review under Section 303(c) of the CWA. (56 State/Territories, & 24 authorized Tribes).

## States/Territories

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	4	1	4	7	5	4	2	4	4	3	38
2005 Commitment											n/a
2005 Midyear	2	3	5	0	7	2			2	4	25
2005 End-of-Year											
Universe	6	4	6	8	6	5	4	6	7	4	56

## Tribes

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	1	1	5	0	2	0	3	12
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe	0	0	0	2	2	9	0	2	3	6	24

**2008 Target:** n/a

## National Program Manager Comments:

Indicator measure

# Protect and Improve Water Quality on a Watershed Basis



## Measure #: 39

**National Office Lead:** OST

**Measure Description:** Number of new or revised criteria documents for water pollutants published providing the scientific information necessary for State adoption or revision of a water quality standard protocols and methods for the pollutant, including needed implementation protocols and methods.

## Measure #: 47

**National Office Lead:** OWOW

**Measure Description:** EPA reports results of a statistical survey of the condition of the Nation's water, conducted in cooperation with the States.

**39**

	National Commitment
2002 Baseline	n/a
2005 Commitment	8
2005 Midyear	2
2005 End-of-Year	
Universe	n/a

**2008 Target: 15**

**47**

	National Commitment
2002 Baseline	12
2005 Commitment	50
2005 Midyear	
2005 End-of-Year	
Universe	

**2008 Target: 56**

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 40**

**National Office Lead: OST**

**Measure Description:** Number of States and Territories that have adopted into their water quality standards, and EPA has approved, nutrient criteria for fresh water (rivers/streams, lakes, and reservoirs) (cumulative).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment	0	0	1	1	0	1	0	0	1	0	4
2005 Midyear	0	0	0	1	0	1		0	4	0	6
2005 End-of-Year											
Universe	6	4	6	8	6	5	4	6	7	4	56

**2008 Target: 25**

**National Program Manager Comments:**

Target measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 41**

**National Office Lead: OST**

**Measure Description:** Number of States and Territories that have adopted into their water quality programs for streams and small rivers, biological criteria designed to support determination of attainment of water quality standard use designations standards [Note: biological criteria may include quantitative endpoints or narrative criteria with quantitative implementation procedures or translators] (cumulative).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	3	0	0	6	1	3	1	0	0	2	16
2005 Commitment	4	0	0	6	1	3	3	1	0	2	20
2005 Midyear	4	0	0	6	1	3	3	0	0	1	18
2005 End-of-Year											
Universe	6	4	6	8	6	5	4	6	7	4	56

**2008 Target: 45**

**National Program Manager Comments:**

Target measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 42**

**National Office Lead: OST**

**Measure Description:** Number of Tribes that have water quality standards approved by EPA (cumulative).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	n/a	2	2	9	0	2	2	6	23
2005 Commitment	0	1	n/a	2	3	11	0	2	5	8	32
2005 Midyear	0	0	n/a	2	2	10	0	2	3	7	26
2005 End-of-Year											
Universe	8	8	0	6	31	66	9	25	141	47	341

**2008 Target: 33**

## National Program Manager Comments:

Target measure

The universe reflects an OST staff estimate of the number of tribes that meet two of the section 518 statutory Requirements: (a) that a tribe be federally recognized, and (b) that the tribe have a reservation (i.e., formal Reservation and/or tribal trust lands.)



# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 43**

**National Office Lead: OST**

**Measure Description:** Each year, percentage of State/Tribal water quality standards submissions that are approved/disapproved by EPA within 90 days.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	75%	75%	75%	73%	50%	75%	85%	75%	75%	50%	70%
2005 Midyear	0%	75%	50%	98%	100%	50%	100%	75%	73%	0%	
2005 End-of-Year											
Universe											n/a

**2008 Target: 75%**

**National Program Manager Comments:**

Target measure  
Universe changes annually based on number of WQS submissions.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 44**

**National Office Lead: OWOW**

**Measure Description:** Each year, the number of States & Territories that have adopted and begun implementing a monitoring strategy [including a State approach to putting data into STORET] consistent with national guidance. (i.e, March 2003 guidance describing 10 key monitoring elements) (cumulative).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment	6	4	6	8	6	5	4	6	7	4	56
2005 Midyear	3	3	2	2	3	4	2	0	2	2	23
2005 End-of-Year											
Universe	6	4	6	8	6	5	4	6	7	4	56

**2008 Target: 56**

**National Program Manager Comments:**

Target measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 45**

**National Office Lead: OWOW**

**Measure Description:** Number of States and Territories that provide integrated assessments of the condition of their waters consistent with sections 305(b) and 303(d) of the Clean Water Act and EPA's integrated assessment guidance (cumulative).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	3	1	4	2	1	4	0	1	1	4	21
2005 Commitment	6	3	6	4	4	5	2	6	1	4	41
2005 Midyear	4	3	6	4	4	4	0	6	4	3	38
2005 End-of-Year											
Universe	6	4	6	8	6	5	4	6	7	4	56

**2008 Target: 56**

**National Program Manager Comments:**

Target measure

# Protect and Improve Water Quality on a Watershed Basis



## Measure #: 46

**National Office Lead:** OWOW

**Measure Description:** Number of Tribes that currently receive EPA funding that have developed **comprehensive monitoring strategies** that serve all water quality management needs, and address all tribal waters, including all water body types and that **provide their water quality data in a system accessible for storage in EPA's STORET.**

### Number of Tribes that Currently Receive EPA Funding that have Developed Comprehensive Monitoring Strategies

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	n/a	0	0	0	0	0	0	0	0
2005 Commitment											*
2005 Midyear											exempt
2005 End-of-Year											
Universe	7	1	n/a	5	29	35	4	23	90	36	230

**2008 Target:** 90

### Number of Tribes that Provide their Water Quality Data in a System Accessible for Storage in EPA'S STORET

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	n/a	0	0	0	0	0	0	0	0
2005 Commitment											*
2005 Midyear											exempt
2005 End-of-Year											
Universe	7	1	n/a	5	29	35	4	23	90	36	230

**2008 Target:** 45

### National Program Manager Comments:

Target measure

\*Commitment deferred until FY 2006.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 48**

**National Office Lead: OWOW**

**Measure Description:** Number of watershed-based plans (and water miles/acres covered), supported under State Nonpoint Source Management Programs since the beginning of FY 2002 that have been developed and the number of watershed-based plans (and water miles/acres covered) where watershed-based plans are being implemented.

## Number of Watershed-Based Plans that have been Developed

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment											n/a
2005 Midyear	1	26	32	22	0	20	3	20	12	3	139
2005 End-of-Year											
Universe											n/a

**2008 Target:** n/a

## Number of Watershed-Based Plans where Watershed-Based Plans are being Implemented

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment											n/a
2005 Midyear	8	13	32	3	0	8	12	13	75	15	179
2005 End-of-Year											
Universe											n/a

**2008 Target:** n/a

## National Program Manager Comments:

Indicator measure.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 49**

**National Office Lead: OWOW**

**Measure Description:** Number of watershed-based plans (and water miles covered), supported under State Nonpoint Source Management Programs since the beginning of FY 2002 that have been substantially implemented (cumulative).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n / a	n / a	n / a	n / a	n / a	n / a	n / a	n / a	n / a	n / a	n / a
2005 Commitment	2	6	1	7	20	2	2	4	3	4	44
2005 Midyear											exempt
2005 End-of-Year											
Universe	n / a	n / a	n / a	n / a	n / a	n / a	n / a	n / a	n / a	n / a	n / a

**2008 Target: 50**

**National Program Manager Comments:**

Target measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 50**

**National Office Lead: OWOW**

**Measure Description:** Number of nationally significant watersheds where a watershed approach to protecting and restoring water quality is being fostered using Targeted Watershed Grants (cumulative.)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline	5	3	4	2	5	3	3	3	2	4	34
2005 Commitment											57*
2005 Midyear											0
2005 End-of-Year											
Universe											n/a

**2008 Target: 100**

## National Program Manager Comments:

Target measure

2004 Baseline includes grants awarded in FY 03 and FY 04.

\*05 distribution of watershed grants TBD.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 51**

**National Office Lead: OWOW**

**Measure Description:** Percentage of TMDLs approved since the beginning of 2004 that were developed as part of a larger, watershed planning process that addressed restoration and protection of all waters within a watershed.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											TBD
2005 Commitment											n/a
2005 Midyear	0%	29%	81%	22%	17%	20%			50%	0%	
2005 End-of-Year											
Universe											TBD

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

OWOW to add universe and 04 baseline data by November 19<sup>th</sup>.



# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 52**

**National Office Lead: OWOW**

**Measure Description:** Percentage of the TMDLs required for waters currently on the 303(d) list that are established or approved by EPA within 13 years of listing consistent with national policy. Annual targets will be based on state schedules or straight-line rates that ensure that the national policy is met.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
*FY 05 pace	335	65	1615	300	325	164	205	427	298	425	4159
2005 Commitment	51%(171)	100%	62%(1005)	81%(243)	100%	91%(149)	100%	100%	85%(253)	100%	76%
2005 Midyear	1%(48)	0%(0)	8%(1000)	3.6%(235)	.7%(74)	6%(179)	36%(607)	1%(34)	.8%(19)	2.6%(45)	5%(2241)
2005 End-of-Year											
All TMDLs	3,354	2,288	12,428	6,528	9,913	3,015	1,704	2,733	2,391	1,700	46,054

**2008 Target: 100%**

## National Program Manager Comments:

Target measure

\*Number of TMDLs needed to be completed in FY05 in order to maintain rate of TMDL completion that complies with national policy (i.e. “on pace”).

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 53**

**National Office Lead: OWOW**

**Measure Description:** Number of Tribes that currently receive EPA funding that have participated with States &/or EPA in development of measures (e.g., TMDLs or watershed-based plans) to restore and protect watersheds with impaired waters.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	n/a
2005 Commitment	3	0	n/a	0	3	0	1	8	2	3	20
2005 Midyear	3	0	n/a	0	2	0	0	8	2	3	18
2005 End-of-Year											
Universe	7	1	n/a	5	29	35	4	23	90	36	230

**2008 Target: 20**

**National Program Manager Comments:**

Target measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 54**

**National Office Lead: OWOW**

**Measure Description:** Percentage of TMDL approvals occurring since the beginning of FY 04 for which EPA took approval action within 30 days of submission.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											tbd
2005 Commitment											n/a
2005 Midyear											exempt
2005 End-of-Year											
Universe											

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

OWOW to add universe and baseline data by November 19<sup>th</sup>.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 55**

**National Office Lead: OWOW**

**Measure Description:** Number of TMDLs approved by EPA or watershed plans to restore nutrient-impaired waters on a state impaired-waters list that contain provisions to enable trading (cumulative). Provisions could include a range of practicable WLA/LA adjustments that would achieve the TMDL or incorporation of a state-approved trading framework that may be used to implement the TMDL.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	1	1	0	2	1	0	0	2	0	1	8
2005 Commitment	1	2	5	6	1	2	1	2	0	2	22
2005 Midyear	2	1	2	0	1	0	0	0	0	0	6
2005 End-of-Year											
Universe	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

**2008 Target: 200**

**National Program Manager Comments:**

Target measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 56**

**National Office Lead: OWOW**

**Measure Description:.** Number of waterbodies identified by States in 2000 as being impaired by nonpoint sources or by both point & nonpoint sources that are fully restored (cumulative).  
[Estimated 5,967 waterbodies impaired significantly by nonpoint source.]

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2000 Baseline											5967*
2005 Commitment											n/a
2005 Midyear											exempt
2005 End-of-Year											
Universe											n/a

**2008 Target: n/a**

**National Program Manager Comments:**

Indicator measure

\*Note: Regional distribution of nonpoint source impaired water baseline to be determined.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 57**

**National Office Lead: OWOW**

**Measure Description:** Annual reduction in lbs/tons of **nitrogen**, **phosphorous**, and **sediment** from nonpoint sources to waterbodies.

## Nitrogen

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											TBD
2005 Commitment											n/a
2005 Midyear	0			0	0				284,478		284,478
2005 End-of-Year											
Universe											n/a

**2008 Target: n/a**

## Phosphorous

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											TBD
2005 Commitment											n/a
2005 Midyear	0			0	0				36,962		36,962
2005 End-of-Year											
Universe											

**2008 Target: n/a**

## Sediment

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											TBD
2005 Commitment											n/a
2005 Midyear	0			0	0				24,828		24,828
2005 End-of-Year											
Universe											

**2008 Target: n/a**

**National Program Manager Comments:**

Indicator measure.

# Protect and Improve Water Quality on a Watershed Basis



Measure #: 58

National Office Lead: OWM

**Measure Description:** Number and dollar value of projects financed with Clean Water SRF loans to prevent polluted runoff (cumulative).

## Number

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	357	167	1428	2	1880	26	99	217	39	105	4320
2005 Commitment											n/a
2005 Midyear	357	201	1,693	0	0	198	0	0		112	2,561
2005 End-of-Year											
Universe											n/a

**2008 Target:** n/a

## Dollar Value

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0.246	0.658	0.096	0.002	0.184	0.011	0.021	0.108	0.221	0.087	\$1.63
2005 Commitment											n/a
2005 Midyear	\$0	\$772,832,603	\$117,000,000	\$0	\$0	\$16,900,000	\$0	\$0		\$110,900,000	\$1,017,632,603
2005 End-of-Year											
Universe											n/a

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 59, 1 of 4**

**National Office Lead: OWM**

**Measure Description:** Percentage of all NPDES permits that are considered current and, beginning in 2005, the percentage of high priority permits that are also current; permits for facilities in Indian Country are to meet the same standard/schedule. [targets to be reevaluated once universe of priority permits is defined in cooperation with States/Tribes]

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	55.6%	62.6%	85.4%	73.5%	85.1%	93.5%	73.1%	78.2%	86.7%	43.4%	82.4%
2005 Commitment	80%	85%	90%	85%	90%	87%	85%	90%	85%	85%	87%
2005 Midyear	58.00%	89.80%	85.20%	86.00%	88.00%	94.00%	79.00%	87.00%	91.00%	77.00%	
2005 End-of-Year											
Universe	2,040	6,016	14,482	19,018	13,930	33,647	9,335	4,024	2,952	4,859	110,303

**2008 Target: 90%**

## National Program Manager Comments:

Target measure

Note: The 2002 baseline is based on a universe of 117,873 and with 97,172 current.



# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 59, 2 of 4**

**National Office Lead: OWM**

**Measure Description:** Percentage of all NPDES permits that are considered current and, beginning in 2005, the percentage of high priority permits that are also current; permits for facilities in Indian Country are to meet the same standard/schedule. [targets to be reevaluated once universe of priority permits is defined in cooperation with States/Tribes]

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%
2005 Midyear	20.00%	13.50%	67.70%	21.00%	43.00%	29.00%	43.00%	95.00%	100.00%	23.00%	
2005 End-of-Year											
Universe	*	*	*	*	*	*	*	*	*	*	*

**2008 Target: 95%**

## National Program Manager Comments:

Target measure

\*There is no single definition of "priority permit," rather, EPA has identified a set of factors to be considered; see 3/5/2004 memo from Jim Hanlon

Each Region's universe of priority permits for FY 05 to be determined in early November.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 59, 3 of 4**

**National Office Lead: OWM**

**Measure Description:** Percentage of **all NPDES permits** that are considered current and, beginning in 2005, the percentage of high priority permits that are also current; permits for facilities in **Indian Country** are to meet the same standard/schedule.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	50%(1)	100%	n/a	100%	80% (35)	90% (12)	85% (9)	90% (140)	90% (24)	90% (53)	89% (297)
2005 Midyear	50%(1)	50%(1)	n/a	76%(16)	82%(36)	123%(16)	.1%(1)		152%(41)	24%(14)	38%(126)
2005 End-of-Year											
Universe	2	2	n/a	21	44	13	10	155	27	59	333

**2008 Target: 90%**

**National Program Manager Comments:**

Target measure

Note: 90% target is annual target starting in 2005.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 59, 4 of 4**

**National Office Lead: OWM**

**Measure Description:** Percentage of all NPDES permits that are considered current and, beginning in 2005, the percentage of high priority permits that are also current; permits for facilities in Indian Country are to meet the same standard/schedule.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											n/a
2005 Commitment	100%	100%	n/a	100%	95%	95%	95%	95%	100%	95%	*95%
2005 Midyear	100%	50%	n/a	100%	75%	95%	6%	95%	100%	100%	
2005 End-of-Year											
Universe*											

**2008 Target: 95%**

## National Program Manager Comments:

Target measure

Note: 95% target is annual starting in 2005,

\* The Regions will need to define the universe of priority permits in Indian Country in early FY05

# Protect and Improve Water Quality on a Watershed Basis



Measure #: 60, 1 of 2

National Office Lead: OWM

**Measure Description:** Number of authorized States or Territories that have updated existing regulations and/or statutes where necessary to reflect new CAFO requirements; number of all States or Territories with CAFOs in which Statewide general permits have been issued, or the permit program has otherwise been substantially implemented consistent with new requirements (cumulative).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2003 Baseline	0	0	0	3	0	0	1	1	0	1	6
2005 Commitment	2	1	5	8	6	3	3	6	4	2	40
2005 Midyear	2	0	1	5	3	3	1	5	3	1	24
2005 End-of-Year											
Universe	3	2	5	8	6	3	4	6	4	2	43

**2008 Target: 44**

## National Program Manager Comments:

Target measure

\*Universe = 43: Considering a total of 53 States or territories that EPA tracks for compliance, six States/territories with CAFOs are not authorized to issue NPDES permits (MA,NH, NM, OK, ID, Puerto Rico); four States/territories have no CAFOs (RI, AK, DC, And Virgin Islands).

Baseline is from 2003.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 60, 2 of 2**

**National Office Lead: OWM**

**Measure Description:** Number of authorized States or Territories that have updated existing regulations and/or statutes where necessary to reflect new CAFO requirements; **number of all States or Territories with CAFOs in which Statewide general permits have been issued**, or the permit program has otherwise been substantially implemented consistent with new requirements (cumulative).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	2	0	0	0	0	0	1	0	1	4
2005 Commitment	2	3	5	8	5	2	3	6	2	3	39
2005 Midyear	0	2	1	3	5	1	4	2	2	1	21
2005 End-of-Year											
Universe	5	3	5	8	6	5	4	6	4	3	49

**2008 Target: 49**

## National Program Manager Comments:

Target measure

\*Universe is 49. States/territories that have no CAFOs include: RI, AK, DC, VL. Territories that have CAFOs: R2 Puerto Rico. EPA Issues permits in MA, NJ, NM, OK, & ID.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 61**

**National Office Lead: OWM**

**Measure Description:** Percentage of States/Regions that have issued NPDES general permits requiring storm water management programs for all Phase II municipalities (MS4S). (Note: assumes continued availability of general permits)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment	100%(6)	100%(2)	100%(5)	100%(8)	100%(6)	100%(5)	100%(4)	100%(6)	100%(4)	100%(4)	100%
2005 Midyear	100%(6)	100%(2)	160%(8)	75%(6)	67%(4)	60%(3)	50%(2)	100%(6)	100%(4)	0%(0)	82%(41)
2005 End-of-Year											
Universe	6	2	5	8	6	5	4	6	4	4	50

**2008 Target: 100%**

**National Program Manager Comments:**

Target measure  
(Note: assumes continued availability of general permits)

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 62**

**National Office Lead: OWM**

**Measure Description:** Percentage of permitting authorities (i.e. States/Regions) that have issued NPDES general permits requiring storm water pollution prevention plans for Phase II construction (estimated annual load reduction of 17 billion pounds of pollutants). (Note: assumes continued availability of general permits)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2005 Midyear	125%(5)	100%(3)	100%(5)	88%(7)	83%(5)	125%(5)	75%(3)	100%(6)	100%(4)	67%(2)	98%(46)
2005 End-of-Year											
Universe	4	3	5	8	6	4	4	6	4	2	*47

**2008 Target: 100%**

## National Program Manager Comments:

Target measure

\*Total Universe = 47

-- 45 NPDES Authorized States plus 1 NPDES authorized Territory = 46

-- EPA HQ issued a permit that covers all five non-authorized States and territories, all tribes, and all federal facilities, counted as one permit authority.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 63**

**National Office Lead: OWM**

**Measure Description:** Percentage of Significant Industrial Users (SIUs) in POTWs with Pretreatment Programs and percentage of known Categorical Industrial Users (CIUs) in non-pretreatment POTWs that have control mechanisms in place that implement applicable pretreatment requirements.

## SIUs

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	98.5%	99.4%	99.0%	98.5%	84.8%	95.6%	98.1%	98.8%	99.6%	98.5%	95.0%
2005 Commitment											n/a
2005 Midyear	100%	100%	99%	100%	91%	97%			95%	99%	
2005 End-of-Year											
Universe	1022	1888	1810	3932	4948	2143	1024	592	4231	568	22158

**2008 Target: n/a**

## CIUs

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											0
2005 Commitment											n/a
2005 Midyear	100%	93%	89%	100%	99%	17%			100%	100%	
2005 End-of-Year											
Universe											

**2008 Target: n/a**

Indicator measure

OWM to add baseline and universe of CIUs.



# Protect and Improve Water Quality on a Watershed Basis



## Measure #: 64

**National Office Lead:** OST

**Measure Description:** Number of pounds of pollution loadings to waterbodies from industrial dischargers reduced (2004-2008) as a result of national industrial water pollution control regulations.

## Measure #: 65

**National Office Lead:** OWM

**Measure Description:** Estimated annual reduction in pounds of pollutants discharged to waters as a result of NPDES permits for storm water, POTWs, CAFOs, CSOs, and industrial discharges.

## Measure #: 66

**National Office Lead:** OST

**Measure Description:** Using the planning process called for in section 304(m) of the Clean Water Act, identify any industrial categories where discharges to waterbodies or releases to Publicly Owned Treatment Works (POTWs) pose a significant risk to water quality and determine whether to develop new national pollution control regulations, revise existing regulations, or develop other control tools.

### 64

	National Commitment
2002 Baseline	.6 billion lbs
2005 Commitment	1 billion lbs
2005 Midyear	0.5 billion lbs
2005 End-of-Year	
Universe	

**2008 Target:** 2.4 billion lbs

### 65

	National Indicator
2002 Baseline	109 billion lbs
2005 Commitment	(384 million lbs)
2005 Midyear	0.16 billion lbs
2005 End-of-Year	
Universe	

**2008 Target:** n/a

### 66

	National Indicator
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	Yes
2005 End-of-Year	
Universe	

**2008 Target:** By 2006

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 67**

**National Office Lead: OWM**

**Measure Description:** Number of dischargers with permits providing for trading between the discharger and other water pollution sources and the number of dischargers that carried out trades.

## Number of Dischargers with Permits Providing for Trading

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	2	5	4	55	3	0	0	0	5	0	74
2005 Commitment											n/a
2005 Midyear	2	21	2	26	0	0	0		0	1	52
2005 End-of-Year											
Universe											n/a

**2008 Target: n/a**

## Number of Dischargers that Carried Out Trades

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	2	1	4	40	1	0	0	0	3	0	51
2005 Commitment											n/a
2005 Midyear	0	0	1	2	0	0	0		0	1	4
2005 End-of-Year											
Universe											n/a

**2008 Target: n/a**

## National Program Manager Comments:

Indicator measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 68**

**National Office Lead: OWM**

**Measure Description:** Number of watersheds in which a watershed permit(s) have been issued and the number of States issuing NPDES permits using a rotating basin process.

## Number of Watersheds

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment											n/a
2005 Midyear	0	0	2	1	0	0	0		0	2	5
2005 End-of-Year											
Universe											n/a

**2008 Target: n/a**

## Number of States Issuing Permits Using a Rotating Basin Process

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment											n/a
2005 Midyear	2	0	2	6	0	2	1		0	2	15
2005 End-of-Year											
Universe	6	2	5	8	6	5	4	6	4	4	50

**2008 Target: n/a**

## National Program Manager Comments:

Indicator measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 69**

**National Office Lead: OWM**

**Measure Description:** Percentage of NPDES program authorities where a **comprehensive assessment of NPDES program integrity has been conducted** (beginning in FY 04) and the **percentage of assessed programs that are complying with implementation schedules** for all those follow-up actions for which a schedule has been established.

## Assessment Conducted

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											n/a
2005 Commitment											n/a
2005 Midyear	100%	100%	100%	100%	100%	100%	100%		57%	50%	
2005 End-of-Year											
Universe	6	2	5	8	6	5	4	6	4	4	50

**2008 Target: n/a**

## Programs Complying with Implementation Schedules

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											n/a
2005 Commitment											n/a
2005 Midyear	0%	0%	0%	0%	0%	0%	0%		100%	0%	
2005 End-of-Year											
Universe	6	2	5	8	6	5	4	6	4	4	50

**2008 Target: n/a**

## National Program Manager Comments:

Indicator measure

75

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 70**

**National Office Lead: OWM**

**Measure Description:** Fund utilization rate [cumulative loan agreement dollars to the cumulative funds available for projects] for the CWSRF.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	95%	92%	81%	90%	92%	88%	84%	83%	99%	90%	91%
2005 Commitment	95%	90%	89%	90%	94%	83%	85%	86%	92%	92%	90%
2005 Midyear	0%	90%	89%	0%	91%	83%	87%	88%	0%	0%	
2005 End-of-Year											
Universe	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

**2008 Target: 94%**

**National Program Manager Comments:**

Target measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 71**

**National Office Lead: OWM**

**Measure Description:** Return on Federal investment [cumulative dollar amount of assistance disbursements to projects divided by cumulative Federal outlays for projects] for the CWSRF funding decisions (cumulative).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	\$ 2.43	\$ 2.56	\$ 1.49	\$ 1.52	\$ 1.67	\$ 2.61	\$ 1.98	\$ 1.61	\$ 1.50	\$ 1.37	\$ 1.90
2005 Commitment											n/a
2005 Midyear	\$0.00	\$2.39	\$1.54	\$0.00	\$1.88	\$2.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.85
2005 End-of-Year											
Universe											n/a

**2008 Target: n/a**

**National Program Manager Comments:**

Indicator measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: 72**

**National Office Lead: OWM**

**Measure Description:** Number of States using integrated planning and priority systems to make CWSRF funding decisions (cumulative).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	1	2	2	2	2	1	1	3	3	2	19
2005 Commitment	1	2	4	3	3	2	2	5	3	4	29
2005 Midyear	1	2	4	2	2	2	2	5	3	4	27
2005 End-of-Year											
Universe	6	3	5	8	6	5	4	6	4	4	51

**2008 Target: 28 states**

**National Program Manager Comments:**

Target measure



## Protect Coastal and Ocean Waters

### Subobjective:

(2.2.2) Improve national and regional coastal aquatic ecosystem health on the “good/fair/poor” scale of the National Coastal Condition Report. (Rating is a 5-point system in which 1 is poor and 5 is good.)

2002 Baseline: “fair/poor” or 2.4

**2005 Commitment: 2.5**

2008 Target: 2.6

**2005 Midyear: 2.7**

### Strategic Targets:

-- (P) Maintain water clarity and dissolved oxygen in coastal waters at the national levels reported in the 2002 National Coastal Condition Report.

2002 Baseline: 4.3 for water clarity; 4.5 for dissolved oxygen

**2005 Commitment: Maintain**

2008 Target: Maintain

**2005 Midyear: 2.6 for water clarity; 4.6 for dissolved oxygen**

-- (Q) Improve ratings reported on the national “good/fair/poor” scale of the National Coastal Condition Report for:

- Coastal wetlands loss:

2002 Baseline: 1.4

**2005 Commitment: 1.5**

**2005 Midyear: 1.7**

2008

Target: 1.6

- Contamination of sediments:

2002 Baseline: 1.3

**2005 Commitment: 1.4**

**2005 Midyear: 2.1**

2008 Target: 1.59



# Protect Coastal and Ocean Waters



- Benthic quality:

2002 Baseline: 1.4	<b>2005 Commitment: 1.5</b>	<b>2005 Midyear: 2.0</b>	2008 Target: 1.6
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- Eutrophic conditions:

2002 Baseline: 1.7	<b>2005 Commitment: 1.8</b>	<b>2005 Midyear: 3.0</b>	2008 Target: 1.9
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-- (IV-D) Working with the National Estuary Program partners, protect or restore additional acres of habitat within the study areas for the 28 estuaries that are part of the NEP.

2002 Baseline: 0 acres restored	<b>2005 Commitment: 25,000</b>	2008 Target: 250,000
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**2005 Midyear:**

# Improve Coastal and Ocean Waters



## Measure #: 73

**National Office Lead:** ORD/OWOW

**Measure Description:** Publish a revised national Coastal Condition Report describing the quality of the Nation's ocean and coastal waters.

## Measure #: 76

**National Office Lead:** OWOW

**Measure Description:** Each year, the National Marine Debris Monitoring Network will be 100% operational.

## Measure #: 77

**National Office Lead:** OWOW/Coast Guard

**Measure Description:** Mandatory requirements to exchange ballast water will be developed to reduce the discharges of invasive species in U.S. coastal waters.

### 73

	National Commitment
2002 Baseline	n/a
2005 Commitment	1 in 2004
2005 Midyear	
2005 End-of-Year	
Universe	

**2008 Target:** 1 (in 2006)

### 76

	National Commitment
2002 Baseline	70%
2005 Commitment	100%
2005 Midyear	100%
2005 End-of-Year	
Universe	

**2008 Target:** 100%

### 77

	National Commitment
2002 Baseline	n/a
2005 Commitment	completion
2005 Midyear	Yes
2005 End-of-Year	
Universe	

**2008 Target:** n/a

# Improve Coastal and Ocean Waters



**Measure #: 74**

**National Office Lead: OWOW**

**Measure Description:** Number of dredged material management plans that are in place for major ports and harbors developed by COE-Led stakeholder process and the percentage of dredged material from coastal waters that is managed in a beneficial manner.

## Plans in place

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	2	1	4	3		3			2	0	15
2005 Commitment											n/a
2005 Midyear		1	2	0	n/a	17	n/a		2	0	22
2005 End-of-Year											
Universe	1	2	4	5		5			4	3	24*

**2008 Target:** n/a

## Material Managed in a Beneficial Manner

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											TBD
2005 Commitment											
2005 Midyear											
2005 End-of-Year											
Universe											TBD

**National Program Manager Comments:**

**2008 Target:** n/a

Indicator measure

Note:\*This number represents major ports/harbors. There are approximately 110 coastal ports and harbors according to COE estimates. COE estimates a total of 300 commercial harbors and more than 600 smaller harbors in the US.

# Improve Coastal and Ocean Waters



**Measure #: 75**

**National Office Lead: OWOW**

**Measure Description:** Number of ocean disposal sites with approved site management and monitoring plans that are monitored in the reporting year, including those monitored by EPA's Ocean Survey Vessel, Peter W. Anderson.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	2	1	2	10		2			2	22	41
2005 Commitment											n/a
2005 Midyear	3	2	2	4		5			3	0	19
2005 End-of-Year											
Universe	2	4	2	15		19			10	22	74

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

# Improve Coastal and Ocean Waters



## Measure #: 78

**National Office Lead:** OWOW

**Measure Description:** Develop standards for the discharge of ballast water, including control of organisms.

## Measure #: 79

**National Office Lead:** OWOW/OIA

**Measure Description:** Work with other Nations to secure an international agreement on a global treaty that establishes rigorous performance standards designed to prevent future introductions of non-native aquatic species to U.S. waters from the discharge of ships' ballast water.

## Measure #: 80

**National Office Lead:** OWOW

**Measure Description:** Propose standards for black water and gray water for cruise ships operating in Alaskan waters.

### 78

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	Yes
2005 End-of-Year	
Universe	

**2008 Target:** Completed in 2008

### 79

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	No
2005 End-of-Year	
Universe	

**2008 Target:** Completed in 2006

### 80

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	No
2005 End-of-Year	
Universe	

**2008 Target:** Completed in 2006

# Improve Coastal and Ocean Waters



## Measure #: 81

National Office Lead: OWOW

**Measure Description:** Number of coastal States in which State air and water officials have received training in assessment and management of air/water interface issues (cumulative).

## Measure #: 82

National Office Lead: OWOW

**Measure Description:** Number of coastal States in which there is at least one mercury deposition monitoring station (cumulative).

81

	National Indicator
2002 Baseline	17
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
Universe	31

2008 Target: n/a

82

	National Indicator
2002 Baseline	23
2005 Commitment	n/a
2005 Midyear	24
2005 End-of-Year	
Universe	31

2008 Target: n/a

# Improve Coastal and Ocean Waters



## Measure #: 83

**National Office Lead:** IO

**Measure Description:** Develop improved methods to assess and value ecological and recreation benefits of improvements in water quality.

## Measure #: 84

**National Office Lead:** OST

**Measure Description:** EPA approved new or revised analytical methods will be available for indicators of bacterial pathogens, and for selected protozoan pathogens of concern for people swimming at beaches and drinking waters.

## Measure #: 85

**Measure Description:** Number of EPA-approved new or improved analytical methods that will be available for contaminants controlled by the NPDES permit, pretreatment, and drinking water programs.

**83**

	National Commitment
2002 Baseline	n/a
2005 Commitment	tbd
2005 Midyear	Data n/a
2005 End-of-Year	
Universe	

**2008 Target:** By 2008

**84**

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	No
2005 End-of-Year	
Universe	

**2008 Target:** By 2008

**85**

	National Commitment
2002 Baseline	n/a
2005 Commitment	6
2005 Midyear	0
2005 End-of-Year	
Universe	

**2008 Target:** 12

# Improve Coastal and Ocean Waters



**Measure #: IV-NEP-1**

**National Office Lead: OWOW**

**Measure Description:** Number of NEP priority actions in CCMPs that have been **initiated** and the number that have been **completed**.

## Priority Actions Initiated

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											
2005 Commitment											n/a
2005 Midyear	0	2	0	0		128			45	0	175
2005 End-of-Year											
Universe	289	463	214	365	n/a	139	n/a	n/a	250	269	1989

**2008 Target:** n/a

## Priority Actions Completed

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											
2005 Commitment											n/a
2005 Midyear	0	2	2	2		5			248	0	259
2005 End-of-Year											
Universe	289	463	214	365	n/a	139	n/a	n/a	250	269	1989

**2008 Target:** n/a

## National Program Manager Comments:

Indicator measure

Note: Baselines to be added by OWOW by November 19<sup>th</sup>.



## Improve Coastal and Ocean Waters



**Measure #: IV-NEP-2**

**National Office Lead: OWOW**

**Measure Description:** Publish an NEP Coastal Condition Report describing the quality of the coastal waters in the 28 estuaries in the NEP using the National Coastal Conditions report indicators as well as NEP specific indicators that can be aggregated to a regional and national level.

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	No
2005 End-of-Year	
Universe	

**2008 Target:** By 2006

# Improve Coastal and Ocean Waters



**Measure #: IV-NEP-3**

**National Office Lead: OWOW**

**Measure Description:** Return on Federal investment [cumulative dollar amount of resources (cash or in-kind) leveraged by Section 320 funds for all NEPs (for LIS, Sections 119 & 320)].

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	\$6,364,956	\$112,495,124	\$1,950,285	\$17,889,896		\$11,255,090			\$18,009,884	\$19,971,168	187,936,403
2005 Commitment											n/a
2005 Midyear	\$0	\$0	\$0	\$0		\$3,500,000			\$0	\$0	\$3,500,000
2005 End-of-Year											
Universe											n/a

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

## Improve Coastal and Ocean Waters



**Measure #: IV-NEP-4**

**National Office Lead: OWOW**

**Measure Description:** NEPs have indicators in place to track key environmental and other trends in their estuary based on CCMP priorities and emerging issues, including invasive species where appropriate, and to enable each NEP to periodically report on status and trends.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	3	1	1	1	0	2	0	0	2	1	11
2005 Commitment											n/a
2005 Midyear	6	4	3	0		1			2	3	19
2005 End-of-Year											
Universe	5	5	3	6	0	3	0	0	3	3	28

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure.

# Protect Wetlands



**Subobjective:** (4.3.2) Working with partners, achieve a net increase of acres of wetlands with additional focus on biological and functional measures.

2002 Baseline: annual net loss of an estimated 58,000 acres.

**2005 Commitment: 100,000**

2008 Target: 400,000

**2005 Midyear: exempt**

\*NOTE: In April of 2004, President Bush announced a new national goal to restore, improve, and protect at least three million additional acres of wetlands over the next five years.

## Strategic Targets:

-- (IV-E) Annually, beginning in FY 2004, work with the U.S. Army Corps of Engineers (COE) and other partners to achieve no net loss of wetlands under Section 404 of the Clean Water Act regulatory program.

**2005 Commitment: no net loss**

2008 Target: no net loss

**2005 Midyear: exempt**

# Wetlands



**Measure #: IV-WD-1**

**National Office Lead: OWOW**

**Measure Description:** Number of States that have achieved overall net gains of wetlands by building capacities in wetland monitoring, regulation, restoration, water quality standards, mitigation compliance, and partnership building.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment											n/a
2005 Midyear	6	0	0	0	0	0			0	0	6
2005 End-of-Year											
Universe	6	2	5	8	6	5	4	0	4	4	50

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

# Wetlands



**Measure #: IV-WD-2**

**National Office Lead: OWOW**

**Measure Description:** Number of watershed-based wetlands and stream corridor projects (combined 5-Star and non-5-Star projects) for which EPA has provided / contributed significant financial and technical assistance. [cumulative projects]

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	HQ	Total
2002 Baseline	29	3	16	14	14	44	4	17	21	7	250	419
2005 Commitment												n/a
2005 Midyear	46	0	11	0	0	52			3	0		112
2005 End-of-Year												
Universe												n/a

**2008 Target: n/a**

**National Program Manager Comments:**

Indicator measure

# Wetlands



**Measure #: IV-WD-3**

**National Office Lead: OWOW**

**Measure Description:** Number of Tribes that have participated in watershed-based wetlands and stream corridor projects for which EPA has provided significant financial assistance (including 104(b)(3) Wetland Program and Five Star restoration program &/or technical assistance (cumulative) (565 Federally recognized Tribes).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	2	0	n/a	1	2	10	3	8	24	17	67
2005 Commitment	2	1	n/a	2	5	12	4	12	26	18	82
2005 Midyear	2	0	n/a	0	2	11	5	1	24	17	62
2005 End-of-Year											
Universe	10	7	n/a	6	35	66	9	27	140	265	565

**2008 Target: 170**

**National Program Manager Comments:**

Target measure

# Wetlands



Measure #: ID-WD-4

National Office Lead: OWOW

**Measure Description:** Number of major projects that have been completed in States and Tribes that significantly improve the effectiveness of compensatory mitigation. [cumulative]

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	20	2	6	3	4	1	7	1	1	5	50
2005 Commitment											n/a
2005 Midyear	21	0	0	0	4	0			0	0	25
2005 End-of-Year											
Universe											n/a

2008 Target: n/a

National Program Manager Comments:

Indicator measure



# Wetlands



**Measure #: ID-WD-5**

**National Office Lead: OWOW**

**Measure Description:** Number of States where wetland condition has improved as defined through biological metrics and assessments.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment	1	0	3	1	1	1	1	1	0	3	12
2005 Midyear	0	0	0	0	1	1	0	3	0	1	6
2005 End-of-Year											
Universe	6	2	5	8	6	5	4	6	4	4	50

**2008 Target: 5**

**National Program Manager Comments:**

Target measure



## Protect Mexico Border Water

(Note: No PAMs directly address this subobjective)

**Subobjective:** (4.2.4) Sustain and restore community health, and preserve the ecological systems that support them.

**2005 Midyear: exempt**

### Strategic Targets:

-- (IV-A) Of the water quality standards being exceeded in significant shared and transboundary waters in the year 2002, the percentage that are achieved.

2002 Baseline: TBD

**2005 Commitment: TBD**

2012 Target: >50%

**2005 Midyear: exempt**

-- (IV-B) Number of people in the Mexico Border area provided with adequate water and wastewater sanitation systems through the Border Environmental Infrastructure Fund (cumulative).

2002 Baseline: 790 thousand

**2005 Commitment: 1,500**

2008 Target: n/a

**2005 Midyear: 1,163**



# Protect the Great Lakes

**Subobjective:** (4.3.3) Prevent water pollution and improve the overall aquatic ecosystem health of the Great Lakes using the Great Lakes 40-point scale:

2002 Baseline: 20 points    **2005 Commitment: 21**    **2005 Midyear: N/A**    2008 Target: 22

## Strategic Targets:

-- (IV-G) Reduce the average concentrations of PCBs in whole lake trout and walleye samples will decline from 2002 levels:

**2005 Commitment: 5% decline**    **2005 Midyear: N/A**    2007 Target: 25%

-- (IV-H) Reduce the average concentrations of toxic chemicals in the air in the Great Lakes basin from 2002 levels:

**2005 Commitment: 7% decline**    **2005 Midyear: 8.72%**    2008 Target: 30%

-- (IV-I) Restore and delist Areas of Concern within the Great Lakes basin:

2002 Baseline: 0 AOCs restored    **2005 Commitment: 3**    **2005 Midyear: 3**    2010 Target: 10

-- (IV-J) Remediate cubic yards of contaminated sediment in the Great Lakes:

2002 Baseline: 2.1 million    **2005 Commitment: 2.9**    **2005 Midyear: 2.9**    2008 Target: 3.3

# Great Lakes



## Measure #: IV-GL-1

**National Office Lead:** GLNPO

**Measure Description:** Percentage of all NPDES permitted discharges to the Lakes or major tributaries that have permit limits that reflect the Guidance's water quality standards, where applicable.

## Measure #: IV-GL-2

**National Office Lead:** GLNPO

**Measure Description:** Each year, complete three sediment remedial actions. [US partners have completed about 3 per year since 1997.]

## Measure #: IV-GL-3

**National Office Lead:** GLNPO

**Measure Description:** Percentage of all CSO permits in the Great Lakes basin that are consistent with the national CSO Policy.

### IV-GL-1

	Commitment
2002 Baseline	23%755 (add NY)
2005 Commitment	72%
2005 Midyear	71%
2005 End-of-Year	
Universe	3,296

**2008 Target:** 100%

### IV-GL-2

	Commitment
2002 Baseline	3
2005 Commitment	3
2005 Midyear	0
2005 End-of-Year	
Universe	n/a

**2008 Target:** 3 (annual)

### IV-GL-3

	Commitment
2002 Baseline	83%/129
2005 Commitment	91%
2005 Midyear	98%
2005 End-of-Year	
Universe	156

**2008 Target:** 100%



## Measure #: IV-GL-4

**National Office Lead:** GLNPO

**Measure Description:** All Great Lakes States adopt bacteria criteria at least as protective as USEPA's Ambient Water Quality Criteria for Bacteria.

## Measure #: IV-GL-5

**National Office Lead:** GLNPO

**Measure Description:** Percentage of high priority Great Lakes beaches where States and local agencies have put into place water quality monitoring and public notification programs that comply with the USEPA National Beaches Guidance.

### IV-GL-4

	Commitment
2002 Baseline	3
2005 Commitment	4
2005 Midyear	2
2005 End-of-Year	
Universe	8

**2008 Target:** 8

### IV-GL-5

	Commitment
2002 Baseline	0
2005 Commitment	100%
2005 Midyear	100%
2005 End-of-Year	
Universe	373

**2008 Target:** 95%

# Protect and Restore Chesapeake Bay



## Subobjective:

(4.3.4) Prevent water pollution and protect aquatic systems so that overall aquatic system health of the Chesapeake Bay is improved and acres of submerged aquatic vegetation increase.

2002 Baseline: 85,252 acres

**2005 Commitment: 91,000**

By 2008: 120,000

**2005 Midyear: 86,659**

## Strategic Targets:

-- (IV-K) Reduction in number of pounds of nitrogen entering the Bay each year from 1985 levels:

2002 Baseline: 51 million lbs.

**2005 Commitment: 74**

By 2008: 94

**2005 Midyear: 62**

-- (IV-L) Reduction in number of pounds of phosphorus entering the Bay each year from 1985 levels:

2002 Baseline: 8 million lbs.

**2005 Commitment: 8.7**

By 2008: 9.7

**2005 Midyear: 7.8**

-- (IV-M) Reduction in number of tons of sediment entering the Bay each year from 1985 levels:

2002 Baseline: 0.8 million tons

**2005 Commitment: 1.06**

By 2008: 1.37

**2005 Midyear: 0.8**

# Chesapeake Bay



## Measure #: IV-CB-1

National Office Lead: CBPO

**Measure Description:** Percentage of wastewater flow to the Chesapeake Bay treated by Biological Nutrient Removal (BNR). (cumulative)

## Measure #: IV-CB-2

National Office Lead: CBPO

**Measure Description:** Miles of streambank and shoreline restored with riparian forest buffers. (cumulative)

### IV-CB-1

	Commitment
2002 Baseline	48%
2005 Commitment	60%
2005 Midyear	56%
2005 End-of-Year	
Universe	total wastewater flow

**2008 Target:** 69%

### IV-CB-2

	Commitment
2002 Baseline	1,298
2005 Commitment	4,000
2005 Midyear	3,791
2005 End-of-Year	
Universe	total miles streamland

**2008 Target:** 7,000

# Protect the Gulf of Mexico



## Subobjective:

(4.3.5) Prevent water pollution and improve the overall aquatic ecosystem health of coastal waters of the Gulf of Mexico by 0.2 on the “good/fair/poor” scale of the National Coastal Condition Report, a 5-point system in which 1 is poor and 5 is good:

2002 Baseline: fair/poor or 1.9

**2005 Commitment: 2.0**

2008 Target: 2.1

**2005 Midyear: exempt**

## Strategic Target:

-- (IV- N) Prevent water pollution and improve the overall aquatic ecosystem health of coastal waters of the Gulf of Mexico by 0.2 on the “good/fair/poor” scale of the National Coastal Condition Report, a 5-point system in which 1 is poor and 5 is good:

Baseline: 1.9

**2005 Commitment: 2.4**

2008 Target: 2.5

**2005 Midyear: 2.4**

-- (IV- O) Reduce releases of nutrients throughout the Mississippi River Basin to reduce the size of the hypoxic zone in the Gulf of Mexico:

Baseline: 1996-2000 running average size is 14,128 km<sup>2</sup>

**2005 Commitment: 14,128 km<sup>2</sup>**

2015 Target: less than 5,000 km<sup>2</sup>

**2005 Midyear:**



# Gulf of Mexico



## Measure #: IV-GM-1

**National Office Lead:** GMPO

**Measure Description:** Percentage of the impaired segments in the 12 priority coastal areas where water and habitat quality is restored to levels that meet state water quality standards.

## Measure #: IV-GM-2

**National Office Lead:** GMPO

**Measure Description:** Number of additional acres important coastal and marine habitats that are restored, enhanced, or protected, above improvements accomplished through 2003. (USGS 2000 baseline for all Gulf of Mexico coastal wetland habitats - 3,769,370 acres)

## Measure #: IV-GM-3

**National Office Lead:** GMPO

**Measure Description:** Implement integrated bi-national (U.S. and Mexican Border States) early-warning system to support State and coastal community efforts to manage harmful algal blooms (HABs).

### IV-GM-1

	National Commitment
2002 Baseline	0
2005 Commitment	8% (28 segments)
2005 Midyear	
2005 End-of-Year	
Universe	354 impaired segments

**2008 Target:** 20% (71 segments)

### IV-GM-2

	Commitment
2002 Baseline	0
2005 Commitment	11,000
2005 Midyear	15,995.50
2005 End-of-Year	
Universe	3.7 million acres

**2008 Target:** 20,000

### IV-GM-3

	Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
Universe	

**2008 Target:** Begin 2006

# Gulf of Mexico



## Measure #: IV-GM-4

**National Office Lead:** GMPO

**Measure Description:** Reduce the rate of shellfish-borne *Vibrio vulnificus* illnesses caused by consumption of commercially-harvested raw or undercooked oysters from the average illness rate for the years 1995-1999.

## Measure #: IV-GM-5

**National Office Lead:** GMPO

**Measure Description:** Establish a Lower Mississippi River Sub Basin Committee (as called for in the Hypoxia Action Plan), select a project watershed in each of the states in the Lower MS River Basin, and implement actions in selected watersheds within the Lower Mississippi River Basin to reduce nitrogen loadings to the Mississippi River.

### IV-GM-4

	Commitment
2002 Baseline	.303/million
2005 Commitment	0.194 million
2005 Midyear	.16 million
2005 End-of-Year	
Universe	70,637,188 avg pop

**2008 Target:** By 2007, 0.121/million

### IV-GM-5

	Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	Committee estab.
2005 End-of-Year	
Universe	

**2008 Target:** By 2006, establish Committee